CLAIM AMENDMENTS

Please amend the claims as follows.

1. **(Original)** A method of increasing the conductivity of a fracture in a subterranean formation comprising the steps of:

providing a fracturing treatment fluid comprising a proppant composition, the proppant composition comprising proppant particulates and a degradable material capable of undergoing an irreversible degradation downhole;

introducing the proppant composition to the fracture; and

allowing the proppant composition to form a proppant matrix having voids in the fracture.

2. **(Currently Amended)** The method of claim 1 wherein the proppant particulates comprise sand, walnut hulls, or **man-made proppant particulates** ~~**a man-made proppants**~~.

3. **(Currently Amended)** The method of claim 1 wherein the proppant particulates have a size of **about** 10 to **about** 60 US mesh.

4. **(Original)** The method of claim 1 wherein the proppant composition further comprises a curable resin, a tackifying agent, or both.

5. **(Original)** The method of claim 4 wherein the curable resin comprises an epoxy, furan, phenolic, furfuryl aldehyde, or furfuryl alcohol resin.

6. **(Currently Amended)** The method of claim 1 wherein the proppant composition comprises interlocking proppant **particulates**.

7. **(Original)** The method of claim 1 wherein the degradable material comprises a degradable polymer or a dehydrated salt.

8. **(Currently Amended)** The method of claim 7 wherein the degradable polymer comprises **a polysaccharide, a chitin, a chitosan, a protein, an aliphatic polyester, a poly(lactide), a poly(glycolide), a poly(ε-caprolactone), a poly(hydroxybutyrate), a polyanhydride, an aliphatic polycarbonate, a poly(orthoester), a poly(amino acid); a poly(ethylene oxide), or a polyphosphazene** ~~**polysaccharides, chitins, chitosans, proteins, aliphatic polyesters, poly(lactides), poly(glycolides), poly(ε-caprolactones), poly(hydroxybutyrates), polyanhydrides, aliphatic polycarbonates, poly(orthoesters), poly(amino acids); poly(ethylene oxides), or polyphosphazenes**~~.

9. **(Original)** The method of claim 1 wherein the degradable material further comprises a plasticizer.

10. **(Original)** The method of claim 7 wherein the dehydrated salt comprises anhydrous sodium tetraborate or anhydrous boric acid.

11. **(Original)** The method of claim 1 wherein the degradable material comprises poly(lactic acid) and a compound chosen from the group consisting of sodium borate and boric oxide.

12. **(Original)** The method of claim 1 wherein the degradable material comprises a stereoisomer of a poly(lactide).

13. **(Currently Amended)** The method of claim 1 wherein the proppant composition comprises a **poly(lactic acid) degradable material and** bauxite proppant **particulates**, the bauxite proppant **particulates at least partially** ~~**having been**~~ coated with a curable epoxy resin~~, and a polylactic acid degradable material~~.

14. **(Original)** The method of claim 1 wherein the degradable material is present in the proppant composition in an amount sufficient to create a desirable number of voids in the proppant matrix.

15. **(Original)** The method of claim 1 wherein the degradable material is present in the proppant composition in an amount of about 0.1% to about 30% by weight of proppant particulates in the composition.

16. **(Original)** The method of claim 1 wherein the degradable material comprises particles having a rod-like shape.

17. **(Original)** The method of claim 1 wherein the degradable material comprises an inorganic or organic compound.

18. **(Original)** The method of claim 17 wherein the inorganic or organic compound comprises sodium acetate trihydrate, L-tartaric acid disodium, salt dihydrate, sodium citrate dihydrate, hydrate of an inorganic acid, hydrate of an inorganic acid salt, sodium tetraborate decahydrate, sodium hydrogenphosphate heptahydrate, sodium phosphate, dodecahydrate, amylose, starch-based hydrophilic polymer, or a cellulose-based hydrophilic polymer.

19. **(Original)** The method of claim 1 wherein the degradable material is a composite.

20. **(Currently Amended)** A method of enhancing the permeability of a proppant matrix comprising the step of introducing **a plurality of** voids into the proppant matrix by a degradation of a degradable material within the **proppant** matrix.

21. **(Currently Amended)** The method of claim 20 wherein the proppant matrix comprises sand, walnut hulls, or **man-made proppant particulates** ~~**a man-made proppant particulates**~~.

22. **(Original)** The method of claim 20 wherein the proppant matrix comprises a curable resin, a tackifying agent, or both.

23. **(Original)** The method of claim 22 wherein the curable resin comprises an epoxy, furan, phenolic, furfuryl aldehyde, or furfuryl alcohol resin.

24. **(Original)** The method of claim 20 wherein the proppant matrix comprises interlocking proppant particulates.

25. **(Original)** The method of claim 20 wherein the degradable material comprises a degradable polymer or a dehydrated salt.

26. **(Currently Amended)** The method of claim 25 wherein the degradable polymer comprises **a polysaccharide, a chitin, a chitosan, a protein, an aliphatic polyester, a poly(lactide), a poly(glycolide), a poly(ε-caprolactone), a poly(hydroxybutyrate), a polyanhydride, an aliphatic polycarbonate, a poly(orthoester), a poly(amino acid); a poly(ethylene oxide), or a polyphosphazene** ~~**polysaccharides, chitins, chitosans, proteins, aliphatic polyesters, poly(lactides), poly(glycolides), poly(ε-caprolactones), poly(hydroxybutyrates), polyanhydrides, aliphatic polycarbonates, poly(orthoesters), poly(amino acids); poly(ethylene oxides), or polyphosphazenes**~~.

27. **(Original)** The method of claim 20 wherein the degradable material further comprises a plasticizer.

28. **(Original)** The method of claim 25 wherein the dehydrated salt comprises anhydrous sodium tetraborate or anhydrous boric acid.

29. **(Original)** The method of claim 20 wherein the degradable material comprises poly(lactic acid) and a compound chosen from the group consisting of sodium borate and boric oxide.

30. **(Original)** The method of claim 20 wherein the degradable material comprises a stereoisomer of a poly(lactide).

31. **(Currently Amended)** The method of claim 20 wherein the proppant matrix comprises a **poly(lactic acid) degradable material and** bauxite proppant particulates, the bauxite proppant particulates ~~**having been**~~ **at least partially** coated with a curable epoxy resin~~, and a polylactic acid degradable material~~.

32. **(Original)** The method of claim 20 wherein the degradable material is present in the proppant matrix in an amount sufficient to create a desirable number of voids in the proppant matrix.

33. **(Original)** The method of claim 20 wherein the degradable material is present in the proppant composition in an amount of about 0.1% to about 30% by weight of proppant particulates in the composition.

34. **(Original)** The method of claim 20 wherein the degradable material comprises particles having a rod-like shape.

35. **(Original)** The method of claim 20 wherein the at least a portion of the voids in the proppant matrix are channel-like in shape.

36. **(Original)** The method of claim 20 wherein the proppant matrix has a conductivity equal to or greater than 4500 darcies at a pressure of about 2000 psi.

37. **(Original)** The method of claim 20 wherein the proppant matrix has a conductivity equal to or greater than 4500 darcies at a pressure of about 4000 psi.

38. **(Original)** The method of claim 20 wherein the proppant matrix has a conductivity equal to or greater than 4000 darcies at a pressure of about 6000 psi.

39. **(Currently Amended)** A proppant **matrix** ~~**composition**~~ comprising:

proppant particulates**, the proppant particulates defining a plurality of voids formed by an irreversible degradation of a degradable material** ~~**and**~~

~~**a degradable material that undergoes an irreversible degradation downhole**~~.

40. **(Currently Amended)** The **proppant matrix** ~~**composition**~~ of claim 39 wherein the proppant particulates comprise sand, walnut hulls, or **man-made proppant particulates** ~~**a man-made proppant particulates**~~.

41. **(Currently Amended)** The **proppant matrix** ~~**composition**~~ of claim 39 wherein the proppant particulates have a size of **about** 10 to **about** 60 US mesh.

42. **(Currently Amended)** The **proppant matrix** ~~**composition**~~ of claim 39 wherein the proppant **matrix** ~~**composition**~~ further comprises a curable resin, a tackifying agent, or both.

43. **(Currently Amended)** The **proppant matrix** ~~**composition**~~ of claim 42 wherein the curable resin comprises an epoxy, furan, phenolic, furfuryl aldehyde, or furfuryl alcohol resin.

44. **(Currently Amended)** The **proppant matrix** ~~**composition**~~ of claim 39 wherein the proppant **matrix** ~~**composition**~~ comprises interlocking proppant particulates.

45. **(Currently Amended)** The **proppant matrix** ~~**composition**~~ of claim 39 wherein the degradable material comprises a degradable polymer or a dehydrated salt.

46. **(Currently Amended)** The **proppant matrix** ~~**composition**~~ of claim 45 wherein the degradable polymer comprises **a polysaccharide, a chitin, a chitosan, a protein, an aliphatic polyester, a poly(lactide), a poly(glycolide), a poly(ε-caprolactone), a poly(hydroxybutyrate), a polyanhydride, an aliphatic polycarbonate, a poly(orthoester), a poly(amino acid); a poly(ethylene oxide), or a polyphosphazene** ~~**polysaccharides, chitins, chitosans, proteins, aliphatic polyesters, poly(lactides), poly(glycolides), poly(ε-caprolactones), poly(hydroxybutyrates), polyanhydrides, aliphatic polycarbonates, poly(orthoesters), poly(amino acids); poly(ethylene oxides), or polyphosphazenes**~~.

47. **(Currently Amended)** The **proppant matrix** ~~**composition**~~ of claim 39 wherein the degradable material further comprises a plasticizer.

48. **(Currently Amended)** The **proppant matrix** ~~**composition**~~ of claim 45 wherein the dehydrated salt comprises anhydrous sodium tetraborate or anhydrous boric acid.

49. **(Currently Amended)** The **proppant matrix** ~~**composition**~~ of claim 39 wherein the degradable material comprises poly(lactic acid) and a compound chosen from the group consisting of sodium borate and boric oxide.

50. **(Currently Amended)** The **proppant matrix** ~~**composition**~~ of claim 39 wherein the degradable material comprises a stereoisomer of a poly(lactide).

51. **(Currently Amended)** The **proppant matrix** ~~**composition**~~ of claim 39 wherein the proppant **particulates comprise** ~~**composition comprises a**~~ bauxite proppant particulates~~**, the bauxite proppant particulates having been**~~ **at least partially** coated with a curable epoxy resin, and **wherein the degradable material comprises poly(lactic acid)** ~~**a polylactic acid degradable material**~~.

52. **(Cancelled)**

53. **(Currently Amended)** The **proppant matrix** ~~**composition**~~ of claim 39 wherein the degradable material comprises particles having a rod-like shape.

54. **(Currently Amended)** The **proppant matrix** ~~**composition**~~ of claim 39 wherein the degradable material comprises an inorganic or organic compound.

55. **(Currently Amended)** The **proppant matrix** ~~**composition**~~ of claim **54** ~~**40**~~ wherein the inorganic or organic compound comprises sodium acetate trihydrate, L-tartaric acid disodium, salt dihydrate, sodium citrate dihydrate, hydrate of an inorganic acid, hydrate of an inorganic acid salt, sodium tetraborate decahydrate, sodium hydrogenphosphate heptahydrate, sodium phosphate, dodecahydrate, amylose, starch-based hydrophilic polymer, or a cellulose-based hydrophilic polymer.

56. **(Currently Amended)** The **proppant matrix** ~~**composition**~~ of claim 39 wherein the degradable material is a composite.

57. **(Currently Amended)** A **proppant matrix permeability enhancing** composition ~~**for enhancing the permeability of a proppant matrix**~~ comprising proppant particulates and a degradable material.

58. **(Currently Amended)** The composition of claim 57 wherein the proppant particulates comprise sand, walnut hulls, or **man-made proppant particulates** ~~**a man-made proppant particulates.**~~

59. **(Currently Amended)** The composition of claim **57 wherein** ~~**57wherein**~~ the proppant particulates have a size of **about** 10 to **about** 60 US mesh.

60. **(Original)** The composition of claim 57 wherein the proppant composition further comprises a curable resin, a tackifying agent, or both.

61. **(Original)** The composition of claim 60 wherein the curable resin comprises an epoxy, furan, phenolic, furfuryl aldehyde, or furfuryl alcohol resin.

62. **(Original)** The composition of claim 57 wherein the proppant composition comprises interlocking proppant particulates.

63. **(Currently Amended)** The composition of claim **57 wherein** ~~**57wherein**~~ the degradable material comprises a degradable polymer or a dehydrated salt.

64. **(Currently Amended)** The composition of claim 63 wherein the degradable polymer comprises **a polysaccharide, a chitin, a chitosan, a protein, an aliphatic polyester, a poly(lactide), a poly(glycolide), a poly(ε-caprolactone), a poly(hydroxybutyrate), a polyanhydride, an aliphatic polycarbonate, a poly(orthoester), a poly(amino acid); a poly(ethylene oxide), or a polyphosphazene** ~~**polysaccharides, chitins, chitosans, proteins, aliphatic polyesters, poly(lactides), poly(glycolides), poly(ε-caprolactones), poly(hydroxybutyrates), polyanhydrides, aliphatic polycarbonates, poly(orthoesters), poly(amino acids); poly(ethylene oxides), or polyphosphazenes**~~.

65. **(Original)** The composition of claim 57 wherein the degradable material further comprises a plasticizer.

66. **(Original)** The composition of claim 63 wherein the dehydrated salt comprises anhydrous sodium tetraborate or anhydrous boric acid.

67. **(Original)** The composition of claim 57 wherein the degradable material comprises poly(lactic acid) and a compound chosen from the group consisting of sodium borate and boric oxide.

68. **(Original)** The composition of claim 57 wherein the degradable material comprises a stereoisomer of a poly(lactide).

69. **(Currently Amended)** The composition of claim 57 wherein the proppant composition comprises a **poly(lactic acid) degradable material and** bauxite proppant particulates, the bauxite proppant particulates having been **at least partially** coated with a curable epoxy resin~~**, and a polylactic acid degradable material**~~.

70. **(Original)** The composition of claim 57 wherein the degradable material is present in the proppant composition in an amount of about 0.1% to about 30% by weight of proppant particulates in the proppant composition.

71. **(Original)** The composition of claim 57 wherein the degradable material comprises particles having a rod-like shape.

72. **(New)** **A proppant matrix comprising proppant particulates and a plurality of voids, the plurality of voids formed by an irreversible degradation of a degradable material.**